

GRUDZINSKAYA, I.A.

What is *Ulmus carpinifolia* Gleditsch? Bot. mat. Gerb. 18:48-50 '57.
(Elm) (MIRA 10:6)

GRUDZINSKAYA, I.A.

On the systematics of the genus *Ulmus* (section *Blepharocarpus* Dumert).
Bot. mat. Gerb. 51-57 '57. (MIRA 10:6)
(Elm)

GRUDZINSKIYA, I.I.

20-2-54/62

AUTHOR

GRUDZINSKIYA, I.I.

TITLE

The Formation of False Annual Rings in Oak Trees (*Quercus robur* L.), as affected by Summer Sprouts.

(Vliyanie ivanovykh pobegov na formirovaniye lozha/kh godichnykh kol-ets u duba (*Quercus robur* L.) - Russian)

PERIODICAL

Doklady Akademii Nauk SSSR, 1957, Vol 145, Nr 2, pp 392-395, (U.S.S.R.)

ABSTRACT

As we know the *quercus robur* in the steppe- and forest-steppe zone develops several sprouts in the course of one vegetation period. In summer they are called summer sprouts. The influence of these sprouts on the formation of false annual rings is not uniformly classified by authors. There is also no common opinion on the multiform growth of the sprouts with respect to their height and thickness. In order to solve this problem the authoress investigated cross-sections of from 2-4 years old oak trees which had developed different numbers of summer sprouts. She arrived at the following conclusion: 1. The formation of summer sprouts does not cause any formation of false annual rings. 2. The false annual rings develop in the case of the *quercus robur* only if there is proleptic sprout formation after a more or less extended period of a decrease of the activity of the foliage. 3. Cambial activity is synchronous with the vertical growth of the sprouts. In any case a maximum cambial activity corresponds to the intensive growth of the sprouts. 4. The strange structure of the wood body of young oaks which becomes evident in a more or less great difference between the elements of the spring- and the fall wood as well

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The Formation of False Annual Rings in Oak Trees (Quercus robur L.) as Affected by Summer Sprouts. 20-2-54/62

as in their different distribution, apparently depends on the remarkably more important role played by the summer sprouts in the total branch system of young oaks. The basic process of the formation of leaves takes longer in the case of young trees and is less intense than in the case of full grown trees, as in the former case up to 60% of the total amount of leaves develops on summer sprouts. Corresponding to the process of development cambium deposits the elements of spring wood from May to August. This results in a radially extended vessel zone of relatively small diameter.
(7 Slavic references).

ASSOCIATION Institut lessa Akademii nauk SSSR
PRESENTED BY SUKACHEV V.N., Member of the Academy, Feb. 9, 1957
SUBMITTED Feb. 8, 1957
AVAILABLE Library of Congress.
Card 2/2

GHUDZINSKAYA, I.A.; KHRENNKOVA, L.A.; SUKACHEV, V.N., akademik, otv.red.;
HEMEZOVA, G.L., red.izd-va; MAKUNI, Ye.V., tekhn.red.

[Changes in the grass cover under oak-ash stands following
improvement cuttings] Izmenenie travianogo pokrova pod pologom
dubovo-lasenevogo nasazhdenia v svyazi s rubkami ukhoda. Moskva,
Izd-vo Akad.nauk SSSR, 1960. 28 p. (MIRA 13:7)
(Forest ecology)

GRUDZINSKAYA, I.A.

Formation of summer shoots in arboraceous plants and its classification. Bot.zhur. 45 no.7:968-978 J1 '60. (MIRA 13:7)

1. Laboratoriya lesovedeniya Akademii nauk SSSR, Moskva.
(Trees) (Growth (Plants))

GRUDZINSKAYA, I.A.

A note on *Ulmus pumila* L. Bot. mat. Gerb. 21:114-124 '61.

(MIRA 14:10)

(Elm)

GRUDZINSKAYA, I.A.

Characteristics of monopodial and sympodial branching in woody plants
as exemplified by oak and elm. Probl. bot. 6:219-231 '62.

(MIRA 16:5)

(Branching (Botany))

(Woody plants)

BOBROV, Ye.G.; BONDARTSEV, A.S.; BORISOVA, A.G.; VASIL'KOV, B.P.;
VASIL'CHENKO, I.T.; GOLUBKOVA, V.F.; GRUDZINSKAYA, I.A.;
YEGOROVA, T.V.; ZINOVA, A.D.; IVANINA, L.I.; LEONOVA, T.G.;
MATSENKO, A.Ye.; PIDOTTI, O.I.; POBEDIMOVA, Ye.G.; POLYAKOV,
P.P.; POYARKOVA, A.I.; SAVICH, V.P.; SIN'KOVA, G.M.; SMIRNOVA,
Z.N.; SMOL'YANINOVA, L.A.; FEDOROV, A.L.; KHARADZE, A.L.;
TSVELEV, N.N.; SHISHKIN, B.K.[deceased]; PEN'KOVA, G.A., red.;
BARANOVA, L.G., tekhn. red.; FRIDMAN, Z.L., tekhn. red.

[Botanical atlas] Botanicheskii atlas. Moskva, Sel'khozizdat,
1963. 501 p. (MIRA 16:12)

1. Chlen-korrespondent AN SSSR (for Shishkin).
(Botany--Atlases)

GRUDZINSKAYA, I.A.

Some results of the studies of shoot ontogeny in the English oak (*Quercus robur* L.). Bot. zhur. 49 no.3:321-337 Mr '64.
(MIRA 17:3)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR,
Leningrad.

GRUDZINSKAYA, Ye.S.

Professor Ivan Nikolaevich Grammatikati. Akush. i gin. no.6:67-71
N-D '55 (MLRA 9:6)

1. Iz kafedry akusherstva i ginekologii (zav.-prof. B.S. Poyzner)
i kafedry istorii meditsiny (zav.-prof. N.P. Fedotov) Tomskogo
meditsinskogo Instituta imeni V.M. Molotova.

(OBITUARIES

Grammatikati, I.N.)

GRUDZINSKI, F.

GRUDZINSKI, F. Sand-lime materials and their application in the production of building sections. P. 277. Vol. 11, no. 9, Sept. 1956. MATERIALY BUDOWLANE. Warszawa, Poland.

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 No 4 APRIL 1957

2282

021 316.837.001.41 : 637.815.9 : 637.811.1

Grudziński S. Testing Gas-Emitting Materials.

"Badanie materiałów gazujących". Przegląd Elektrotechniczny. No. 11-12, 1953, pp. 554-556, 13 figs., 4 tabs.

The author deals with a number of methods of testing the arcing capacity of gas-emitting materials. The most satisfactory method is that of measuring, by means of a single detector placed about 35 mm from the outlet aperture of the specimen, the conductivity of gases ejected from the arcing area through the side aperture of the specimen. The simplest method is to measure the conductivity of gases by means of a device for measuring the electric charge, and without using an oscillograph. The determination of the arc-breaking capacity of a gas is carried out by comparing its conductivity with that of familiar gas-emitting materials under identical measurement conditions. The

lower the conductivity of the gas, the more satisfactory the gas-emitting material.

GRUDZIECKI, S.

Technical conditions for acceptance of cogwheels in the automobile industry.
Pt. 1. (To be contd.) p. 212. (TECHNIKA MOTORYZACYJNA, Vol. 4, No. 7, July
1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec.
1954, Uncl.

GRUDZINSKI, H.; HELDT, J.

Effect of the intermolecular interactions in solutions on the mean duration of fluorescence of acriflavine. Acta physica Pol 25 no.3:391-400 Mr '64.

1. Department of Physics, N. Copernicus University, Torun.

GRUDZINSKI, Jan

Twenty years of the paper industry in People's Poland. Przegl.
papier 20 no.8:241-243 Ag'64

1. Deputy Minister of Forestry and Wood Industry, Warsaw.

GRUDZINSKI S.

Chemical Abst.
Vol. 48 No.9
May 10, 1954
Soils and Fertilizers

The fertilizing value of ammoniated peat. /A. Makulajew and Z. Grudziński. Roczniki Nauk Rolniczych 66, Ser. A, No. 1, 65-72 (in Russian 73-81; in English, 74-81) (1952).

The fertilizing action of ammoniated peat was studied in the field with oats and cabbage. Both crops were given basic P-K fertilizers. The oats were given 30 kg. of N per ha. Only the N adsorbed by the peat was taken into consideration. Nonammoniated peat did not increase the yield of oats. Yield increases were obtained with $(\text{NH}_4)_2\text{SO}_4$ (4.7 quintals/ha.), ammoniated peat (3.8 quintals/ha.), low peat and ammoniated water (2.8 quintals/ha.), high peat and ammoniated water (2.7 quintals/ha.), and ammoniated water alone (2.5 quintals/ha.). The N content in the grain changed little under the influence of fertilization. In the expts. with cabbage, all of the nitrogenous fertilizers, both mineral and peat, were applied at the rate of 200 kg. of N per ha. Peat fertilizers were applied at the rate of 5700 kg. per ha. (absolute dry-matter basis) in the form of industrial peat bedding. A combination of ammoniated peat was included which contained microfertilizer addns. of CuSO_4 , MnSO_4 , and by-products of the B industry. Natural peat caused a decrease in yield. Fertilization with $(\text{NH}_4)_2\text{SO}_4$ or ammoniated peat alone resulted in minor yield increases within the limits of error. The highest yield increases were obtained with ammoniated peat plus microfertilizers, natural peat plus NH_4NO_3 , and natural peat plus ammoniated water. The N content in cabbage was lowest in the fertilizer combinations without N and on natural peat. The N content was higher and more uniform with the other combinations.

Ryszard G. Jaworski

①

~~Grudziński~~

Grudziński, S.

Synthesis of amino acids (methionine and tryptophan).
S. Grudziński and A. Kotelko (Inst. Chem. Technol., Łódź,
Poland). *Acta Polon. Pharm.* 12, 201-4(1955)(English
summary).—An industrially applicable synthesis of methio-
nine includes condensation of acrolein with MeSH (produced
by hydrolysis of methylthiourea) to give MeSCH₂CH₂CHO,
treatment of this with NaCN and (NH₄)₂CO₃ to form the
hydantoin, and hydrolysis of the hydantoin to methionine.
A synthesis (also industrially applicable) of tryptophan con-
sists of treatment of acrolein with diethyl acetamidomalo-
nate, converting the condensation product to the phenylli-
drazone, cyclizing this by means of H₂SO₄ to the indole de-
riv., and hydrolyzing the indole deriv. R. Dowbenko

2

Country : Poland G-3
Category : Organic Chemistry. Natural Compounds and their
Synthetic Analogues.
Abs. Jour. : Ref. Zhur.-Khimiya No. 6, 1959 19607
Author : Grudzinski, S.
Institut. :
Title : On the Synthesis of Benzenesulfonyl-Glycine
Esters and Their Reaction with Benzylamine.
Orig Pub. : Roczn. chem., 1958, 32, No 3, 533-544

Abstract : There were synthesized 15 esters of benzene-sulfonyl-glycine (I) and a study was made of their capacity of acylating benzylamine (II). Listing yield in % and MP (in °C) of the esters: cyanomethyl (III), 78, 86-87 (from ether-acetone 3:1); carbethoxymethyl (IV), 74, 66-67 (from benzene); di-(carbethoxy)-methyl (V), 77, liquid; methoxymethyl (VI), 55, 59-60 (from ether); acetonyl (VII), 75, 92-93 (from alcohol); p-nitrobenzyl (VIII), 87, 120-121 (from alcohol); allyl (IX), 70, 66-67 (from ether); p-chlorethyl (X), 83, 54-55 (from 80% CH₃OH); benzyl (XI), 61, 76-77 (from alcohol); methyl (XII), 79.5, 69-70 (from water); ethyl (XIII), 80%; propyl (XIV), 85.5, 57-58 (from 30% CH₃OH); isopropyl (XV),
Card: 1/3

Country : Poland
Category: :

G-3

Abs. Jour. :

19607

Author :
Institut. :
Title :

Orig. Pub. :

Abstract : 86%, 83-84 (from 30% methanol); n-butyl (XVI), 82%, 26-27; cyclohexyl (XVII), 63, 65-66 (from alcohol).
Esters III - IX were obtained by interaction of I (C_2H_5)₃N and halogen-derivative of the corresponding alcohol, in absolute ethyl acetate; the other esters -- by esterification of I with the corresponding alcohol: X and XVII -- in concentrated H_2SO_4 , the remainder -- in a current of dry HCl.
Listing the maximum yield in % of benzylamide of I, and the duration of the reaction, in hours, on acylation of II with the corresponding ester: III, 93, 0.5; IV, 85, 1; V, 90, 2; VI, 75, 15; VIII, 75, 2; IX, 65, 67; X, 93, 67; XI, 78, 67;
Card: 2/3

8-70

Country : Poland

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000617110020-3"

Abs. Jour. :

19607

Author :
Institut. :
Title :

Orig Pub. :

Abstract : XII, 34, 240; XIII, 11, 360; XVI, 11, 360.
Esters XIV - XV yielded a substance of MP 152-156°; VII yielded a mixture of substances, 15% of MP 154-156° and 55% of MP 127-129°; XVII a substance of MP 232-236°. Thus, there was detected an increase in acylation capacity on introduction into the alcohol-portion of electronegative groups, and a decrease thereof -- on introduction of CH_3 , C_2H_5 , C_3H_7 , and $iso-C_3H_7$ groups. -- A. Krayevskiy.

Card: 3/3

Grudzinski, Stanislaw

Reactions of activated esters with hydrazides. II. Synthesis and properties of some hydrazides of N-(arylsulfonyl)-glycines. Rocz chemii 34 no.3/4:965-971 '60. (EEAI 10:3)

1. Zaklad Technologii Srodkow Leczniczych Akademii Medycznej, Lodz
(Esters) (Hydrazides) (Glycine)
(Aryl groups) (Sulfonyl group)

GRUDZINSKI, Stefan

Reactions of activated esters with hydrazides. III. Synthesis of N,N'-diacylhydrazines derived from N-(arylsulfonyl)-glycines. IV. Notes on the synthesis of some amino acid derivatives of isonicotinic acid hydrazide. Roczniki chemii 34 no.5:1365-1370 '60.

(KEAI 10:9)

1. Department of Chemical Technology of Medical Products, Medical Academy, Lodz.

| | | | |
|---------------|--------------|------------------|-----------|
| (Esters) | (Hydrazides) | (Sulfonyl group) | (Glycine) |
| (Acyl groups) | (Hydrazine) | (Isoniazid) | |

GRUDZINSKA, Pelagia; GRUDZINSKI, Stefan

Notes on the synthesis of some salts of *p*-nitrophenylhydrazine and their dehydration to *p*-nitrophenylhydrazides. Roczniki chemii 34 no.5: 1495-1498 '60. (KEAI 10:9)

1. Department of Chemistry, School of Economy, Lodz, and Department of Chemical Technology of Medical Products, Medical Academy, Lodz.

(Salts) (Nitrophenylhydrazine) (Hydrazides)
(Nitrophenyl group)

GRUDZINSKI, Stefan

New amino acid derivatives of isonicotinoyl-, cyanoacetyl-, and
N-sulfanilylglycyl-hydrazines with possible tuberculostatic activity.
Acta pol. pharm. 19 no.4:311-316 '62.

1. Z Zakladu Technologii Srodkow Leczniczych Akademii Medycznej w
Lodzi Kierownik: z. prof. dr A. Kotelko.

(ANTITUBERCULAR AGENTS) (HYDRAZINES) (SULFONAMIDES)
(ISONICOTINIC ACID)

TASCHNER, E.; RZESZOTARSKA, B.; BIERNAT, J.F.; GRUDZINSKI, S.

New methods for the synthesis of monoesters of aspartic and glutamic acids. Coll Cz Chem 27 no.9:2234-2235 S '62.

1. Department of General Chemistry, Institute of Technology, Gdansk, Poland (for Taschner).

GRUDZINSKI, S.; MISIAK, M.

Studies on cyanomethyl esters. Pt.2. Acta chim 8:119-130 '62.

1. Department of Chemical Technology of Medical Products, Medical Academy, Lodz. Presented by Z. Jerznanowska.

GRUDZINSKI, S.

Studies on cyanomethyl esters. Pt.1. Acta chim 8:105-118 '62.

1. Department of Chemical Technology of Medical Products, Medical Academy, Lodz. Presented by Z. Jerzmanowska.

GRUDZINSKI Stefan

Preparation of N-methyl-2-pyridone-5-carboxamide.
Rocz chemii 36 no.11:1705-1708 '62.

1. Zaklad Technologii Chemicznej Srodkow Leczniczych, Akademia
Medyczna, Lodz.

GAULZINSKI, S., KOTLIK, J., BODZISZ, J.

Studies on α -monomethyl esters. Pt. 7. β -chloro- α -methyl- β -hydroxy- γ -butyrolactone.

1. Institute of Technology of Drugs of the School of Medicine,
Lodz. Presented Nov. 1962.

GRUDZINSKI, Stefan; MIKOLAJEWSKA, Halina; KOTELKO, Antoni

Studies on the process of hydrogenation of aminonitriles. VI.
Synthesis of 2-cyanoethylamines of carboxylic acids. Acta
Pol. pharm. 21 no.5:437-443 '64.

1. Z Zakladu Technologii Srodkow Leczniczych Akademii Med-
ycznej w Lodzi (Kierownik: doc. dr. A. Kotelko).

MAZUREK, Stanisław; M. A. B. Antoni, doc. dr.; Instytut Chemii, Zakład
Chimii Fizycznej; Tadeusz, Tadeusz; Instytut Chemii, Zakład

Synthesis of hydrazinoamine compounds with possible antitumor
properties. I. N-acetyl-N2-(beta-cyanoethyl)-hydrazine.
Acta pol. pharm. 21:6.5:115-150 1964.

1. Z Zakładu Technicznej Chemii w Instytucie Akademii Nauk
w Łodzi. (Kierownik: prof. dr. A. Antoni).

WALCZYNSKI, Jan Z.; GRUDZINSKI, Witold

Medico-legal aspects of fatal accidents in crane operation.
Bull. inst. mar. med. Gdansk 14 no.1:255-261 '63

The flare gun and hazards related to its improper use.
Ibid.:263-269 '63

1. Z Zakladu Medycyny Sadowej Pomorskiej Akademii Medycznej
w Szczecinie.

*

WALCZYŃSKI, J. 1986. Medico-legal evaluation of permanent disfigurement of the face

in stomatologic practice. Czas. stomat. 19 no.8/9:983-986 Ig-8
165.

1. Z Zakładu Medycyny Sądowej Pomorskiej AM w Szczecinie
(Kierownik: prof. dr. med. J.Ż. Walczyński) i z Kliniki
Chirurgii Stomatologicznej Pomorskiej AM w Szczecinie
(Kierownik: prof. dr. med. A. Szmadeni-Konopacka).

OLPS, Andrzej; RZEMNIS, Krystyna; GRUDZINSKI, Zbigniew; WIZIMIRSKI,
Wladyslaw

Use of domestic latex in the serological diagnosis of progressive
chronic rheumatism. Reumatologia (Warsz.) 2 no.4:331-338 '64

1. Ze Szpitala Wojewodzkiego w Rzeszowie (Dyrektor: dr. med.
W. Wizimirski).

GRUDZINSKI, B.V., inzh.

A device for welding parts to small-diameter tubes attached
to series-built spot welding machine. Svar. proizv. no.1040
0 '65. (MIRA 18:10)

1. Balashikhinskiy mashinostroitel'nyy zavod im. 40 let
Oktyabrya.

GRUDZINSKIY, Mikhail Eduardovich; ALBINA, N.M., redaktor; KALISTRATOVA, A.Ye.,
tekhnicheskiy redaktor

[Through the valley of the Malaya Almatinka; a guidebook] Po doline
Maloi Almatinki; putevoditel'. Alma-Ata, Kazakhskoe gos. izd-vo,
1955. 110 p. (MLRA 9:10)
(Kazakhstan--Description and travel)

GRUDZINSKIY, M.E.

New data on glaciers of the upper reaches of the Chilik River
on the northern slope of the Kungey Ala-Tau. Vop.geog.Kaz.
no.2:101-115 '57. (MIRA 10:7)
(Kungey Ala-Tau--Glaciers)

SOV/169-59-6-6238

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 6, p 121 (USSR)

AUTHORS: Borovikov, A.M., Grudzinskiy, M.E., Khrgian, A.Kh.

TITLE: On the Meteorological Conditions of the Alpine Tien Shan

PERIODICAL: Tr. Tsentr. aerol. observ., 1958, Nr 21, pp 176 - 199

ABSTRACT: The authors give data on the mean air temperature in summer of 1956 in the area of the upper part of the Inylchek glacier, on the diurnal course of temperature, humidity, and pressure, on wind conditions, on the recurrence of the various forms of cloudiness and on precipitations of various duration. The synoptic processes and the character of weather during the expedition are briefly described. The observations in the southern Inylchek reveal the considerable cooling caused by the glaciers: A temperature decrease by 3°C is observed in the lower layer of the air near the glacier instead of a temperature increase by 3 - 4°C in comparison to the free atmosphere, typical for the rocky mountain ranges of the Tien Shan. It was found that the synoptic conditions of the mountainous

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SOV/169-59-6-6238

On the Meteorological Conditions of the Alpine Tien Shan

country are also out of the ordinary. The approach of a cold front is accompanied by increased cloudiness, precipitations, intensification of the wind, etc, a great distance ahead of the front line. The cloud system of the cold front in mountains turns often into a wide system of stratified rainy clouds. Bibl. 8 titles.

N.I. Zverev

Card 2/2

GRUDZINSKIY, M.E.

Summits of the Trans-Ili Ala-Tau. Trudy Sekt.geog.AN Kazakh.
SSR no.4:158-179 '59. (MIRA 13:4)
(Trans-Ili Ala-Tau)

LIVCHAK, I.F.; IVANOV, V.M.; GRUDZINSKIY, M.M.

Hot-air heating with exhaust ventilation in modern apartment
houses and public buildings. Vod. i san. tekhn. no.8:5-11

Ag '58.

(MIRA 11:9)

(Hot-air heating)

(Exhaust systems)

GRUDZILSKIY, A., 2nd Tech Sci -- (diss) "Heat engineering and
hydraulic ^{design} ~~calculation~~ of ^{heat resistance} ~~and hydraulic stability~~ of the system of
^{system combined} ~~serial heating~~ with inflow ventilation in residential buildings."

Mos, 1959. 19 pp (Acad of Construction and Architecture USSR. Scientific ~~and~~ Research Inst of Sanitation Engineering). 150 copies
(KL,37-59, 108)

34

GRUDZINSKIY, M.M.; IVANOV, V.M.

Concerning I.N.Kuranov's article "Two-pipe riser system with
decentralized mixing." Vod. i san.tekh. no.4:22 Ap '59.
(Hot-water heating) (Kuranov, I.N.) (MIRA 12:5)

GRUDZINSKIY, M.M., kand. tekhn. nauk; IVANOV, V.M., inzh.

[Temporary instructions for the design of hot-air heating systems, combined with supply-exhaust ventilation, in residential buildings]
Vremennye ukazaniia na proektirovanie sistem vozdušnogo otopleniia, sovmeshchennogo s pritochno-vytiazhnoi ventiliatsiei v zhi-lykh domakh. Vtoraia redaktsiia. Moskva, 1961. 125 p.

(MIRA 15:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut sanitarnoy tekhniki.

(Dwellings--Heating and ventilation)

GRUDZINSKIY, M.M.

Calculation of the cooling of air in hot-air heating systems. Stor.
trud. NIIST no.7:35-60 '61. (MIRA 15:1)
(Hot-air heating)

GRUDZINSKIY, M.M., kand.tekhn.nauk

Aspects of the work of heaters in hot-air heating systems with
gravity circulation. Vod. i san. tekhn. no.9:19-20
'62. (MIRA 15:12)

(Furnaces, Heating)

IVYANSKIY, A.Z., kand. tekhn. nauk; GRUDZINSKIY, M.M., kand. tekhn. nauk; LIVCHAK, I.F., doktor tekhn. nauk; KLIMOVA, G.D., red. izd-va; MOCHALINA, Z.S., tekhn. red.

[Temporary instructions on the use of heating systems with concrete heating panels] Vremennye ukazaniia po primeneniiu sistem otopleniia s betonnyimi otopitel'nyimi paneliami. Moskva, Gosstroizdat, 1963. 67 p. (MIRA 16:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut sanitarnoy tekhniki. 2. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Livchak).
(Radiant heating)

LIVCHAK, I.F. Primalni uchastiye: LOBACHEV, P.F.; SLADKOV, S.P.;
GRUDZINSKIY, M.M.; POLIKARPOV, V.F.; IZYANSKIY, A.Z.;
~~ROMANOV, V.G.~~; MATVEYEVA, N.A.; STRASHNYKH, V.P.,
red.izd-va; MOCHALINA, Z.S., tekhn. red.

[Instructions for using improved sanitary equipment in large-panel buildings] Ukazaniia po primeneniiu usovershenstvovannykh sanitarno-tekhnicheskikh ustroystv v krupnoelementnykh domakh. Moskva, Gosstroizdat, 1963. 85 p. (MIRA 16:8)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut sanitarnoy tekhniki.

(Sanitary engineering--Equipment and supplies)

GRUDZINSKIY, M.M., kand. tekhn. nauk; IVANOV, V.M., inzh.

[Provisional instructions for designing systems of air heating combined with plenum and exhaust ventilation in apartment houses] Vremennye ukazaniia na proektirovanie sistem vozdušnogo otopleniia, sovmeshchennogo s pritochno-vytiazhnoi ventiliatsiei, v zhilykh domakh. Vtoraiia redaktsiia. Moskva, 1963. 125 p. (MIRA 18:3)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut sanitarnoy tekhniki.

IN RUSSIA, . . .

Elektrichestvo v kolchozy (Electricity should be brought to collective farms). Smolensk, S. o. i. n. k. o. e. knizhnoe izdatel'stvo, 1973. 320 p.

SO: Monthly List of Russian Acquisitions, Vol. 7, No. 7, Oct. 1991

KIRILLOV, K.N., inzh.; GRUDZINSKIY, S.V., inzh.

RC circuits in control and protection systems of electric equipment
on ships. Sudostroenie 29 no.7:41-43 J1 '63. (MIRA 16:9)
(Electricity on ships—Safety measures)

GRUDZITSKAYA, L.D.

Clinical features of hymenolepiasis in conjunction with dysentery.
Zdravookhraneniye 2 no.1:44-45 Ja-F '59. (MIRA 12:7)

1. Iz infektsionnogo otdeleniya bol'nitsy Kamenskogo rayona (glavnyy
vrach - V. A. Severin).
(DYSENTERY) (TAPEWORMS)

MAKSIMOVA, A.K., starshiy nauchnyy sotrudnik; GRUDZINSKYA, B.Ye., mladshiy
nauchnyy sotrudnik

Microflora of various kefir fungi and the principles of the
selection of pure cultures for the kefir leaven. **Trudy VNIMI**
[Mol.] no.20:52-83 '59. (MIRA 13:10)
(Kefir) (Bacteriology--Cultures and culture media)

ROMANIA/Physical Chemistry - Radiation Chemistry, Photochemistry. B.
Theory of the Photographic Process.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 28008

Author : Nicolae, M. and Gruenberg, F.

Inst :

Title : Effect of Mercury Vapors on the Regression of the Latent Image in Coarse-Grained Photographic Emulsions.

Orig Pub : Studii si cercetari fiz, 7, No 1, 223-224 (1956)
(in Rumanian)

Abstract : No abstract.

Card 1/1

: Rumania

H-54

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000617110020-3"

ABST. JOUR. : RZKhim., No. 21 1959, No. 77103

AUTHOR : Gruenberg, M.

INST. : Not given

TITLE : The Preservation of Fishing Nets by Partial Acetylation of the Cotton

ORIG. PUB. : Rev Ind Aliment Prod Animale, No 7-8, 26-29 (1958)

ABSTRACT : Fishing nets made of partially acetylated cotton with an acetyl group content of up to 30% show improved resistance to the action of heat, industrial gases, climatic conditions, and rot as a result of the blocking of the unstable glucosidic linkages in the cotton cellulose by the acetyl groups. In the batch acetylation process, the acetylating solution contains 85% glacial CH_3COOH (I), 15% acetic anhydride (II), and 0.15% of 60% hydrochloric acid (III) as catalyst; the

CARD: 1/2

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CZECHOSLOVAKIA / Analytical Chemistry. Analysis of E-2
Inorganic Substances.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 926.

Author : Gruener, K., Soukup, M., Drahotska, B.

Inst : Not given.

Title : The Complexometric Determination of Aluminum in
Refinery Salts.

Orig Pub: Hutnicke listy, 1958, 13, No 2, 153-154.

Abstract: A rapid and accurate method is described for determining cryolite in refinery salts, used in melting aluminum and its alloys. One gram of the analytical sample is evaporated with 10 ml of sulfuric acid (1:1) in a platinum dish. The wet residue is transferred into a 500 ml volumetric flask, 30% solution of sodium hydroxide is added dropwise until the residue is completely dissolved, cooled,

Card 1/2

CZECHOSLOVAKIA

GRUENNER, O., MD.

Priessnitz Hospital (Lecebna Priessnitz), Lazne Jesenik

Prague, Prakticky lekar, No 5, 1963, pp 177-178

"Changes of Liquid in Cases of Chronic Poisoning by
Methylchloride."

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000617110020-3
D.; PERSIC, N.; GRUBOROVIC, B.; VRANCIC, J.; VODOPIJA, I.;
ANTONIAZZO, Z.; GULIC, R.; GALINOVIC, WEIEGLASS, M.;
MPAVINAC, B.; KOEHLER-KUBELKA, N.; CEZNER, M.; KOHN, V., TEKAVCIC, B.;
EMILI, H.; SMERDEL, S.; SOOS, E.; VUKSANOVIC, V.; JANJATOVIC, M.;
DERVISEVIC, I.; GRUENWALD, P.; SKRABALO, Z.; CREPINKO, I.; HAUPTMANN,
E.; VIDACEK, S.; HORVAT, A.; MIOCKA, O.; IVANCEVIC, D.; PERGER, A.;
KRSNJAVI, B.; PRAZIC, M.; SALAJ, B.; SUBOTIC, R.; RADOSEVIC, Z.; KALER-
BACOKA, M.; HAHN, A.; MATKOVIC, B.; RADONIC, M.

Reveiw of periodicals; medicine. Bul sc Young 9 no.4/5:145-147
Ag-O '64.

RUMANIA / General and Special Zoology. Insects.
Insect and Mite Pests.

P

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54361.

Author : Arsenescu, M.; Fratian, Al.; Gruescu, A.; Stefan-
escu, M.; Valaczkai, Fr.

Inst : Not given.

Title : Aero-Chemical Control of Caterpillars of Lymantria
[Porthetria] dispar in the Forests of the Green
Zone of the City of Bucharest in the Spring of 1956.

Orig Pub: Rev. padurilor, 1957, 71, No 4, 244-250, 215, 216,
289, 290.

Abstract: Aerial treatment, chiefly with different DDT pre-
parations, was employed against the gypsy moth
caterpillars which were widespread in the woods
and in the parks near Bucharest in 1956. The best
results (99-100% destruction of the caterpillars

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APPROVED FOR RELEASE: 08/10/2001

RUMANIA / General and Special Zoology. Insect and Mite Pests.

P

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54361.

Abstract: of the I-III stages) were obtained from gezaktiv
(a commercial mixture of 5% DDT with 0.41% γ -hexa-
chlorocyclohexane) at the rate of 50 kg/ha. The
same preparation was highly effective against the
tent caterpillar (Malacosoma neustria) and the
winter measuring-worm moth (Operophtera brumata L),
but it was not sufficiently effective against the
caterpillars of the oak leaf-roller (Tortrix viri-
dana). Good results were also obtained by using
5% DDT dust and 0.5-1% DDT emulsion. The effect of
1.5% γ -hexachlorocyclohexane at the rate of 50 kg/ha.
was inadequate (32-68%). -- Authors' summary.

Card 2/2

GRUESCU, I. S.

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: -Scientific Researcher-

Affiliation: I.G.G. - /not identified/

Source: Bucharest, Stiinta si Tehnica, No 6, Jun 1961, pp 10-11, 45.

Data: "In the Area of Hunedoara."

GRUESCU, I.S.

SURNAME, Given Names

Country: Rumania

Academic Degrees: Aspirant in Geographic Sciences (Aspirant in Stiinta Geografice).

Affiliation: -not given-

Source: Bucharest, Stiinta si Tehnica, Vol XIII, No 12, Dec 1961, pp 6-7.

Data: "The Giant on the Angara."

STANESCU, Cornelia; GRUESCU, I.S.

Scientific Communication Session of the Institute of Geology,
Topography and Geography (May 1961). Probleme geog 9:336-338
'62. (publ. '63)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000617110020-3"

GRUESCU, Ioan S.

"The geography of Cuba" by A.Nunez Jimenez. Reviewed by Ioan S.
Gruescu. Probleme geog 9:347-348 '62. (publ. '63)

GRUESCU, I.S., cercetator (Bucuresti)

Tanganyika; a political and geographical sketch.
Natura Geografie 14 no.2:81-84 Mr-Apr '62.

GRUESCU, I. S. (Bucuresti)

"Map of the peoples of Africa" and its supplement "Population of Africa" by B. V. Andryanov. Reviewed by I. S. Gruescu, Natura Geografie 14 no.2:85-86 Mr-Apr '62.

GRUESCU, I.S.

The All-Union Scientific Conference on Human Geogrpahy; Moscow, 1962.
Natura Geografie 14 no.4:87-88 Jl-Ag '62.

GRUESCU, I.S., aspirant in stiinte geografice

Hydroelectric works in the U.S.S.R. St. si Teh Buc 15 no.11:
28-29 N '63.

L 37787-66

ACC NR: AP6028855

SOURCE CODE: RU/0024/65/000/004/0015/0028

AUTHOR: Gruescu, I. S. (Scientific researcher; Bucharest); Vulcu, B. (Professor; Orastie) ²₂

ORG: none

TITLE: Hunedoara regiune. Geographic characterization

SOURCE: Natura. Seria geografie-geologie, no. 4, 1965, 15-28

TOPIC TAGS: physical geography, economic geography, administrative geography

ABSTRACT: A thorough summary of the principal geographic characteristics of the region. Its physical formations, population structure, economy, transportation system, etc., are described, and attention is called to the importance of the regiune in the economy of Rumania both because of its vast resources and its well-developed industry. Orig. art. has: 1 figure. [JPRS: 32,859]

SUB CODE: 08 / SUBM DATE: none

Card 1/1 *lib*

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(12)

(239)

1. "An Impending Historical Event in the Life of the Russian People" (collectivization), pp 3-6.
2. "The Origin of the Bath and the Problems of its Structure and Construction," B. V. Litvin, Doctor of Physical and Mathematical Sciences (Doctor in Science, Physics-Mathematics), pp 7-15.
3. "Orchestra Cobblers and the First Russian Geological Party," IZVESTIYA and VOSTOK, Moscow, pp 16-19.
4. "Topological Considerations on the Subject of Geography," Alex ROSEN, Researcher (Researcher), Dukhoborskiy, English Summary; pp 20-28.
5. "The Development of Power and the Creation of the Unitary Power System in the USSR," I. A. GUR'YEV, Researcher (Researcher), Dukhoborskiy, English Summary; pp 29-36.
6. "Geotopological Observations at Ripe Rosie," V. TRUBIN, Researcher; English Summary; pp 37-39.
7. "Impressions from a Trip to the USSR," Prof. Gm. TOLDOVICH, Researcher; pp 40-44.
8. "Through the Redline-School Excursions," Prof. Enri I. GUR'YEV, 1st; pp 44-51.
9. "Itinerary for an Interregional Excursion," G. V. LITVIN, Leading Professor (Professor Funtan), Dukhoborskiy, pp 52-57.
10. "School Excursions in Ripe Rosie Region," Prof. Lucie VUCOV, Opatic; pp 57-65.
11. "Itinerary and School Excursions in Ripe Rosie Region," Prof. Lucie VUCOV, Opatic; pp 65-71.
12. "The Economic and Social-Cultural Development of RFR," pp 72-73.
13. "South-West Africa," Gm. DRAC, Lecturer (Researcher) and I. A. VASIL'YEV, Doctor (Researcher), Dukhoborskiy, pp 74-75.

GRUESCU, I.S. (Bucuresti)

Weight of the socialist system in world economy. Natura Geografia
13 no.3:13-22 My-Je '61.

COUNTRY : Rumania
SUBJECT : Forestry, Forest Management
ACQ. JOUR. : Priroda, No. 2, 1959, No. 5172
AUTHOR : Gruescu, Aurora
INST. :
TITLE : Damage to Food Plantations on a Result of
Use of Petroleum to Combat Forthetria almar
L (Rumania).
ORIG. PUB. : Rev. padurilor, 1958, 72, No.4, 216
ABSTRACT : No abstract

REF:

1/1

42

Phyllophagous beetles (Chrysomelidae, Coleoptera), pests of some
cultivated plants. Priroda Bulg 13 no.5:89-91 S-O '64.

GRUESCU, G.

A modification of the principal fusion and the separation of the melt by alcohol extraction. T. Reichel, R. Fata, S. Iacobescu, and G. Gruescu, *Ind. rep. Populare Romania (Timisoara)*, *Chem. Ind. 1, No. 1/4, 42-44 (1951)* (French summary). The process is characterized by (a) fusing in C_2H_5 (l) at 210° ; (b) removing from the preheated mixt. (210°) by supersatd. steam at 250° ; (c) sep. of the reaction products at $45-50^\circ$ with 95% KOH . This led to higher yields (1:1 ratio to the principal base) of dehydrothio-*p*-toluidine. This was stable in supersatd. steam up to 250° while the usual isopropyl $[p,3]MeC_4H_7NH_2$ and 4,2-Me($HSC_4H_7NH_2$) were removed easily.

Carly Grant

GRUEV, D.

Chemical substances and nutrition value of mushrooms. Prir i znanie
14 no.9:5-6 '61.

(Mushrooms, Edible)

GRUEV, D.

The blood-red boletus and its poisonous double fly agaric. Prir i
znanie 15 no.9:11-13 N '62.

VASILEV, I.; DOBREV, TS.; GRUNOV, G.

Surgical treatment of cholecystitis. *Khirurgiia*, Sofia 6 no.4:207-217
1953. (GML 25:1)

1. Hospital Surgical Clinic (Head -- Prof. St. Dimitrov), V. Chervenkov
Medical Academy, Sofia.

AVRAMOV, A.; GRUEV, G.; KUNCHEV, Gr.

Abdominal trauma in children. Khirurgia, Sofia 9 no.2:
129-137 1956.

1. Visssh meditsinski institut V. Chervenkov, Sofia Klinika
po bolichna khirurgia. Zav. Katedrata: prof. St. Dimitrov.
Institut za burza meditsinska pomoshch N. I. Pirogov. Gl.
lekar: B. Devetakov.

(ABDOMEN, wounds and injuries,
in child. (Bul))

(WOUNDS AND INJURIES,
abdom., in child. (Bul))

GHUEV, G.; AVRAMOV, A.; DOBREV, Ts.

Treatment of varicose veins in the lower extremities. Khirurgia, Sofia
10 no.8:716-724 1957.

1. Visssh Meditsinski Institut; Sofia Katedra po bolnichna khirurgia
Zav. Katedrata: prof. St. Dimitrov.
(VARICOSE VEINS, surg.
combined method)

BAZIRGIANOVA, G.; GEUEV, G.; SIMONOV, L.

Etiopathogenesis of varicose syndrome. *Khirurgia*, Sofia 10 no.9:
793-800 1957.

1. Vissh meditsinski institut; Sofia Katedra po bolnichna khirurgia
Zav. katedrata: prof. S. Dimitrov.
(VARICOSE VEINS, etiology and pathogenesis,
(Bul))

BAEV, B.; AVRAMOV, A.; GHOSV, G.; PACHIEV, L.

Indications for splenectomy in childhood. Nauch. tr. vish.
med. inst. Sofia 43 no. 6:1-6 '64.

1. Aus der 3. chirurgischen Klinik (Leiter: Prof. St. Dimitrov).

AVRAMOV, A.; KOSHEV, L.; VELIZAROV, S.; GEDEV, G.. TCHERNEV, .

Apropos of the etiopathogenesis of acute appendicitis in children. Khirurgiia (Sofia) 18 no.3:320-327 '65.

1. VMI, Sofia, Katedra po bolnichna khirurgiia (rukovoditel: prof. St. Dimitrov), Katedra po patologichna anatomiia (rukovoditel: prof. B. Kurdzhiev).

DIMITROV, St.; GRUJEV, G.; AVRAMOV, A.

Our surgical results in the treatment of Hirschsprung's disease according to the Swenson-Hiatt method. Khirurgia (Sofia) 18 no.4:406-412 '65.

1. Katedra po bolnichna khirurgia, Vissih meditsinski institut, Sofia (rukovoditel - prof. St. Dimitrov).

STANCIU, Natalia; PADURARU, Aneta; AVADANEI, Ana; GILYEN, Ion; MITA, Pompiliu;
POSTEUCA, Doina; BORDEIANU, Nicolae; GRUIA, Ion; MIHAILESCU, Gheorghe;
TUDOR, Costica; UNGUREANU, Elena

Monograph on the hydrology of the hydrographic basin of the Olt
River. Studii hidrol 10:1-283 '64.

GRUEV, I.

"My Impressions from Forest Culture Work in the Region of the Veshen Forest Conservation Station, and the Veshen Forest Enterprise in the Rostov District."

p. 111

(GORSKO STOPANSTVO Vol. 9, no. 3, Mar. 1953 Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 9, Oct. 1953, Uncl.

GD 17, I

"Wider utilization of forest trees in our reforestation" (1954) (USSR) (USSR) (USSR)
(Upravlenie Na Gorskoto Stojanstvo Kun Ministerskija Sovet) Gosizd Vol 1 No 1 Jan 1954

SO: East European Accessions List Vol 2 No 7 Aug 1954

GRULV, I.

Mechanization in forest management. p. 269.

Vol. 11, no. 6, June 1955
GORSKO STOPANSTVO
Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 1 April 1956

GRUEV, I.; MARINOV, M.

GRUEV, I.; MARINOV, M. Conference on restoration of the beech forests in the People's Republic of Bulgaria. p. 375.

Vol. 12, No. 7, Sept. 1956.

GORSKO STOPANSTVO

AGRICULTURE

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 2, February 1957

GRUEV, L: ILIEV, A.: KHADZHITSKI, T.

A scientific-technical conference on changing part of the sapling forests
to seedling forests. p. 113

GORSKO STOPANSTVO. Vol. 12, No. 3, Mar. 1956

Sofia, Bulgaria

So. East European Accessions List

Vol. 5, No. 9

September, 1956

GRUEV, I.

Preparing a new map of Bulgarian forests.

p. 236 (GORSKO STOPANSTVO) Vol 13, no. 5, May 1957,
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

GRUEV, I.

GRUEV, I.

Acute dilatation of the stomach. Khirurgiia, Sofia 7 no.4:231-239 1954.

1. Meditsinska akademii V.Chervenkov, Sofia. Propedevtichna khirurgichna klinika, direktor: prof. G.Kapitanov.
(STOMACH, diseases,
dilat.)

GRUEV

IV.

LUKANOV, A.; GANCHEV, G.; GRUEV, Iv.

Acute appendicitis in children. Khirurgia, Sofia 7 no.8:458-465
1954.

1. Meditsinska Akademiia V.Chervenkov, Sofia. Propedavtichna
khirurgichna klinika. Zavezhdashch katedrata: prof. G.Kapitanov.
Institut za Bursa Meditsinska Pomoshch N.I.Pirogov. Glaven lekar:
A.Simeonov. Glaven khirurg: A.Lukanov.

(APPENDICITIS, in infant and child,
surg.)

GRUEV, I. and others.

"Complex Treatment of Tuberculous Epididymitis." p. 2,
(ZDRAVEN FRONT, No. 47, Nov. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (ESAL), LC, Vol. 4
No. 5, May 1955, Uncl.

GRUEV, Iv.; GANCHEV, G.; GENOV, Iv.

Complex therapy of tuberculous epididymitis. Suvrem. med.,
Sofia 6 no.12:54-60 1955.

1. Is khirurgichata propedevticha klinika pri Visshia
meditsinski institut V. Chervenkov-Sofia (zav. katedrata:
prof. G. Kapitanov).

(TUBERCULOSIS, MALE GENITAL, therapy,
epididymis. (Bul))

DIMITROV, I.; PETSEVA, O.; GRUEV, Iv.; TENEV, St.; STOIANOV, I.

Street accidents and their control. Khirurgia, Sofia 8 no.1:
75-80 1955.

(ACCIDENTS,
traffic, prev. & control)

KAPITANOV, G., professor; GRUEV, Iv.; DENEV, B.; ATANASOV, Dim.

Treatment of ileus with adhesions through intestinal plication.
Khirurgiia, Sofia 8 no.2:111-117 1955.

1. Vissh meditsinski institut V. Chervenkov--Sofia propedevtichna
khirurgichna klinika Direktor: prof. G. Kapitanov.
(INTESTINAL OBSTRUCTIONS, surgery,
adhesive ileus)

GRUEV, IV.

Plastic repair of two cases of skin defects using Filatov's method.
Khirurgiya, Sofia 8 no.4:371-373 1955.

(SKIN TRANSPLANTATION,
Filatov's flaps)

GRUEV, Iv.

Case of carcinoma ventriculi penetrating into the transverse
colon. Khirurgia, Sofia 9 no.3:274-275 1956.

(STOMACH, neoplasms,
penetration into colon (Bul))

(COLON, neoplasms,
penetration from stomach (Bul))

GRUEV, Iv.; ATANASOV, A.

Local application of pectin preparations in slow-healing wounds. Khirurgiia, Sofia 9 no.7-8:633-644 1956.

1. Visshe meditsinski institut--sofiia propedevtichna khirurgichna klinika. Direktor: prof. G. Kapitanov.

(WOUNDS AND INJURIES, therapy,
pectin in slow-healing wds. (Bul))
(PECTINS, therapeutic use,
wds., slow-healing (Bul))

GHUEV, Iv.

Case of ureterolithiasis and nephrolithiasis. Khirurgia, Sofia 10 no.9:
841-842 1957.

1. (Iz Propedevtichnata khirurgichna klinika pri VMI; Sofia).
(KIDNEYS, calculi,
uretero-renal, case report (Bul))
(URETERS, calculi,
same)

GRUEV, Iv.; ATANASOV, At.

Treatment of stubborn superficial wounds. Khirurgia, Sofia 10 no.10:
887-892 1957.

1. Vlash Meditsinski Institut - Sofia Katedra po khirurgichna propedevtika.
Zav. katedrata: prof. G. Kapitanov.
 (WOUNDS AND INJURIES, ther.
 nectins in stubborn superficial wds.)
 (FECTIRS, ther. use
 stubborn superficial wds.)

GRUEV, I.

Successful therapy of a patient with complete and incomplete perianal fistulae. Khirurgiia, Sofia 12 no.11:1016 '59.

1. Iz Katedrata po khirurgichna propedevtika pri VMI - Sofia.
(FISSURE IN ANO surg.)

GRUEV, I.

Lymphography. Khirurgiia (Sofia) 14 no.10:899-907 '61.

1. Vissh meditsinski institut, Sofia Katedra po propedevtika na
khirurgichnite saboliavania Zav. katedrata: prof. G. Kapitanov.

(LYMPHATIC SYSTEM radiog)

TODOROV, T.; GRUEV

Our results following osteosynthesis of the spinal column and draining of paravertebral abscesses with necrectomy of the vertebral bodies in children with tuberculous spondylitis. *Khirurgiya* 15 no.2/3:237-239 '62.

1. Iz Detski sanatorium za kostno-stavna tuberkuloza - Varna.
(TUBERCULOSIS SPINAL surg)